

Rhode Island Precipitation
National Weather Service Boston/Norton, MA
Preliminary Precipitation Data (inches) by Drought Region
Past 12 to 36 months ending April 2023
Includes CoCoRaHS Data

RI 1-month April 2023	Rainfall	Departure	Percent	Normal
Northwest	3.24	-1.44	69	4.68
Northeast	3.05	-1.58	66	4.63
Central West	2.87	-1.83	61	4.70
Central East	3.39	-1.17	74	4.56
Eastern	3.69	-0.47	89	4.16
Southern	2.91	-1.49	66	4.40
New Shoreham	2.24	-1.65	58	3.89

RI 2-month Mar 23-Apr 23	Rainfall	Departure	Percent	Normal
Northwest	8.36	-1.53	85	9.89
Northeast	7.94	-1.60	83	9.54
Central West	8.81	-0.97	90	9.78
Central East	8.40	-1.22	87	9.62
Eastern	8.16	-1.09	88	9.25
Southern	7.08	-2.55	74	9.63
New Shoreham	4.59	-4.42	51	9.01

RI 3-month Feb 23-Apr 23	Rainfall	Departure	Percent	Normal
Northwest	9.72	-4.08	70	13.80
Northeast	9.03	-4.19	68	13.22
Central West	10.03	-3.35	75	13.38
Central East	9.50	-3.59	73	13.09
Eastern	9.52	-3.24	75	12.76
Southern	8.41	-4.80	64	13.21
New Shoreham	6.94	-5.68	55	12.62

RI 6-month Nov 22-Apr 23	Rainfall	Departure	Percent	Normal
Northwest	27.29	-0.72	97	28.01
Northeast	25.13	-1.77	93	26.90
Central West	27.63	0.15	101	27.48
Central East	25.21	-1.50	94	26.71
Eastern	25.48	0.08	100	25.40
Southern	22.17	-4.25	84	26.42
New Shoreham	21.90	-3.20	87	25.10

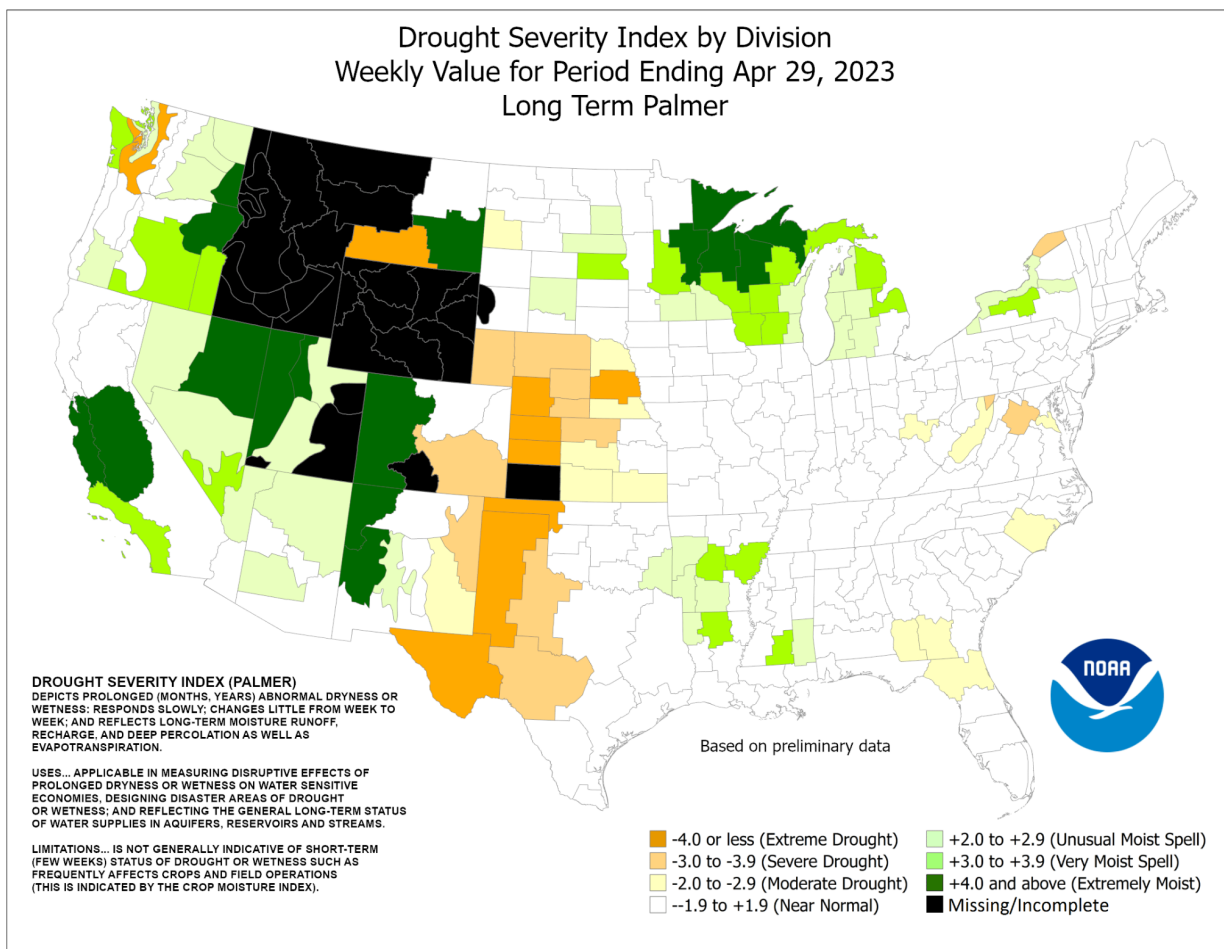
RI 12-month May 22-Apr 23	Rainfall	Departure	Percent	Normal
Northwest	52.85	-0.93	98	53.78
Northeast	49.73	-1.93	96	51.66
Central West	50.00	-0.77	98	50.77
Central East	48.08	-2.23	96	50.31
Eastern	45.26	-2.37	95	47.63
Southern	43.58	-6.35	87	49.93
New Shoreham	41.30	-7.10	85	48.40

RI 24-month May 21-Apr 23	Rainfall	Departure	Percent	Normal
Northwest	115.22	7.66	107	107.56
Northeast	109.19	5.87	106	103.32
Central West	105.59	4.05	104	101.54
Central East	101.52	0.90	101	100.62
Eastern	96.81	1.55	102	95.26
Southern	96.34	-3.52	96	99.86
New Shoreham	87.24	-9.56	90	96.80

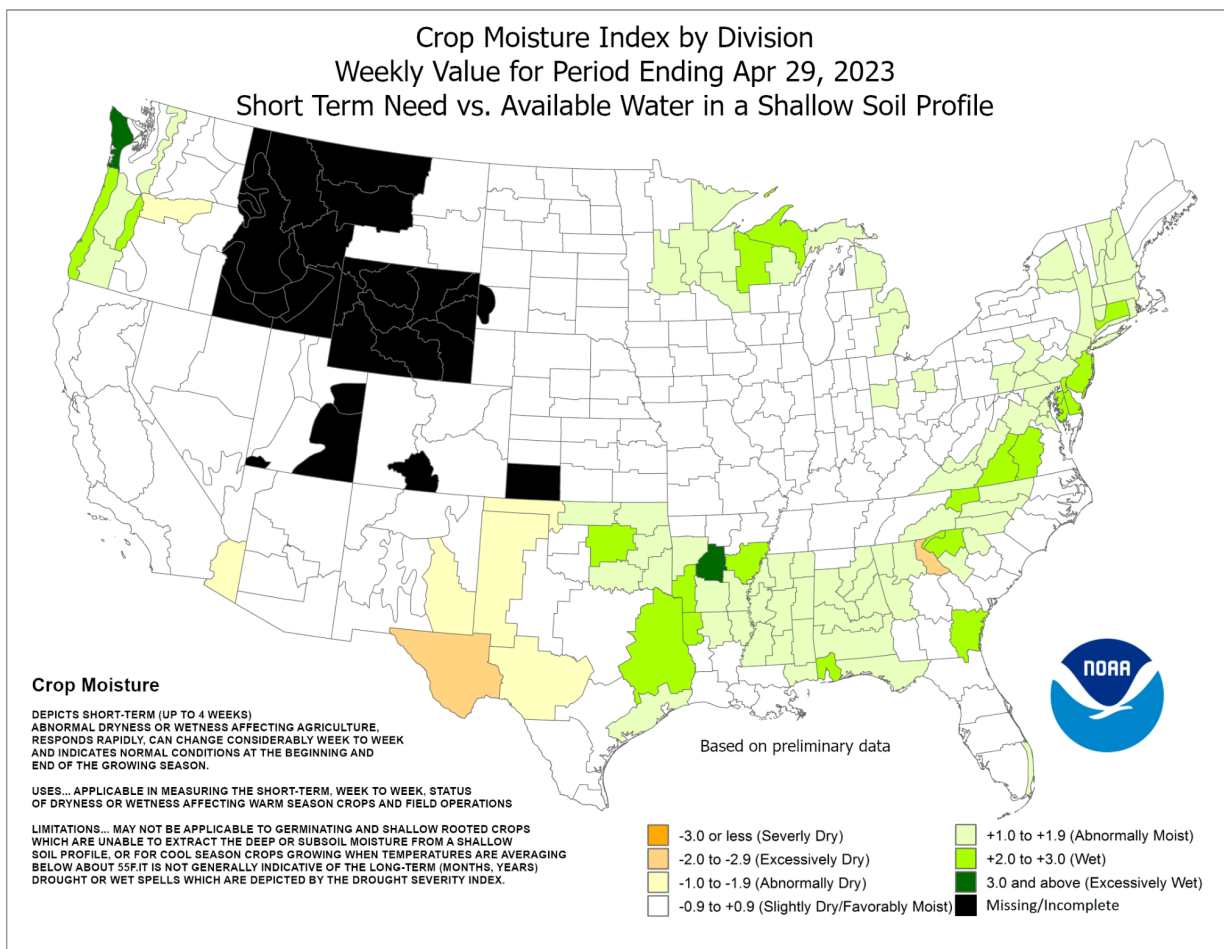
RI 36-month May 20-Apr 23	Rainfall	Departure	Percent	Normal
Northwest	159.54	-1.80	99	161.34
Northeast	154.31	-0.67	100	154.98
Central West	151.25	-1.06	99	152.31
Central East	144.38	-6.55	96	150.93
Eastern	134.66	-8.23	94	142.89
Southern	141.28	-8.51	94	149.79
New Shoreham	134.53	-10.67	93	145.20

RI 4-month Jan 23-Apr 23	Rainfall	Departure	Percent	Normal
Northwest	17.02	-1.27	93	18.29
Northeast	16.31	-1.30	93	17.61
Central West	17.11	-0.74	96	17.85
Central East	16.46	-0.84	95	17.30
Eastern	16.50	-0.17	99	16.67
Southern	15.50	-1.78	90	17.28
New Shoreham	14.88	-1.86	89	16.74

RI 5-month Dec 22-Apr 23	Rainfall	Departure	Percent	Normal
Northwest	24.36	0.84	104	23.52
Northeast	22.55	-0.08	100	22.63
Central West	24.91	1.80	108	23.11
Central East	22.59	0.24	101	22.35
Eastern	22.88	1.63	108	21.25
Southern	20.08	-2.17	90	22.25
New Shoreham	19.40	-1.96	91	21.36

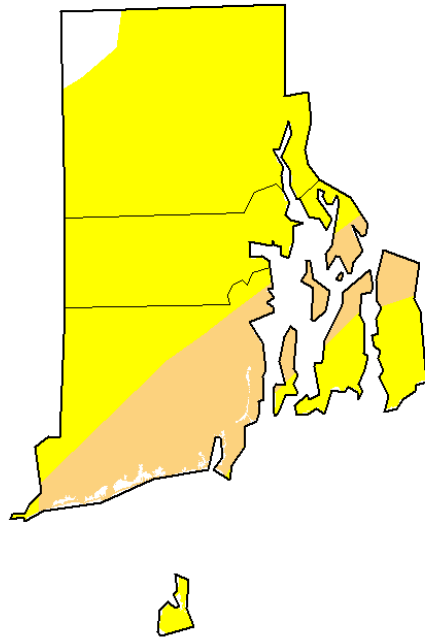


Map 1: Palmer Drought Index from the Climate Prediction Center, NOAA, dated 04/29/2023.
 RI PDI indicates +1.53, Near Normal.



Map 2: Crop Moisture Index from the Climate Prediction Center, NOAA, dated 04/29/2023.
RI CMI indicates +1.52, Abnormally Moist

U.S. Drought Monitor Rhode Island



May 2, 2023
(Released Thursday, May. 4, 2023)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	2.88	97.12	22.75	0.00	0.00	0.00
Last Week 04-25-2023	2.88	97.12	22.75	0.00	0.00	0.00
3 Months Ago 01-31-2023	100.00	0.00	0.00	0.00	0.00	0.00
Start of Calendar Year 01-03-2023	100.00	0.00	0.00	0.00	0.00	0.00
Start of Water Year 09-27-2022	0.00	100.00	71.50	0.00	0.00	0.00
One Year Ago 05-03-2022	100.00	0.00	0.00	0.00	0.00	0.00

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

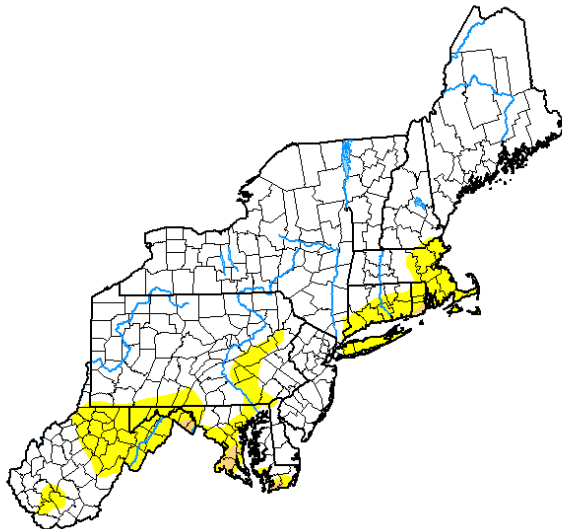
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Map 3. US Drought Monitor for Rhode Island. valid 5/2/2023.

U.S. Drought Monitor Northeast



May 2, 2023
(Released Thursday, May. 4, 2023)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	84.22	15.78	0.64	0.00	0.00	0.00
Last Week 04-25-2023	72.19	27.81	6.15	0.00	0.00	0.00
3 Months Ago 01-31-2023	96.83	3.17	0.21	0.00	0.00	0.00
Start of Calendar Year 01-03-2023	90.64	9.36	0.21	0.00	0.00	0.00
Start of Water Year 09-27-2022	69.23	30.77	12.95	3.83	0.14	0.00
One Year Ago 05-03-2022	81.74	18.26	1.36	0.00	0.00	0.00

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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Map 4. US Drought Monitor for the Northeast US, valid 5/2/23